

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	"20010050721" and (bus same address\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/12 08:53
L2	0	"20010050721" and (bus address\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/12 08:53
L3	3	"20010050721"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/12 08:54
L4	1	10/651599	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/12 09:29
L5	2	"20030117501" and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/12 10:18
L6	0	2004/0230358 and (address \$4 slav\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/12 10:37
L7	1	"20040230358" and (address \$4 slav\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/12 10:37
L8	0	"20030117501" and video	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/12 10:53
L9	2	"20030117501" and moving	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/12 10:53
L10	2	"20030117501" and (moving dynamic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/12 10:53
S1	1696	348/374,340,373.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 15:00
S2	24957790	@ad<"20030829" @rlad<"20030829"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/16 07:34
S3	1281	S1 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/16 07:34
S4	510418	(dual multiple two ) near2 (imager imaging pickup device sensor cod)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/16 07:35
S5	214	S3 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/16 07:35
S6	214	S5 and S1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/16 07:35

S7	5	("4870496"   "5040069"   "5220198"   "5861654"   "6122009").PN. OR ("7110033").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/16 07:38
S8	15	("4065788").PN. OR ("4173772").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/16 07:42
S9	1	10/651599 and common and address	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 15:25
S10	6	i2c with ((common shar\$4) near2 address\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 15:28
S11	18	i2c with ((common shar\$4 "same") near2 address\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 15:28
S12	24960020	@ad<"20030829" @rlad<"20030829"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 15:28
S13	4	S11 and S12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 15:34
S14	1	"20040230358" and address	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 15:45
S15	1	"20060197847" and address	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 16:18
S16	1	"6208382".pn. and ((low high) with resolution)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 16:20
S17	1	"20070052810".pn. and ((low high) with resolution)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 16:21
S18	1	"7057647".pn. and ((low high) with resolution)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 16:23
S19	0	(james with harnet).xa. and ((low high) with resolution)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 16:24
S20	0	(james with harnet).xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 16:23
S21	32	(james with hannett).xa. and ((low high) with resolution)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 16:31
S22	0	("7057647").xa. and ((low high) with resolution)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 16:32
S23	1	"7057647".pn. and ((low high) with resolution)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 16:33

S24	1	"7057647".pn. and ((low\$4 high\$3) with resolution)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 16:35
S25	2	"7057647".pn. and (resolution)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 16:42
S26	3	11/016376 10/816607 10/153679	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 16:48
S27	0	("2003/0048493").URPN.	USPAT	OR	ON	2007/06/20 16:43
S28	1	(high\$3 low\$3) and 10/153679	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 16:45
S29	2	"4281339".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 16:46
S30	1	"4281339".pn. and ((low\$4 high\$3) with resolution)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 16:46
S31	2	(11/016376 10/816607 10/153679) and ((high\$3 low \$3) with resolution)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 16:50
S32	4	("4166280".pn. "5852502". pn.) and ((high\$3 low\$3) with resolution)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 16:51
S33	20	("2641642"   "2858362"   "3546370"   "3740608"   "3757261"   "4007488").PN. OR ("4166280").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 17:30
S34	1	"7057647".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 17:40
S35	1	10/208979	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 17:56
S36	2	"20010050721" and (screen lcd display)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 18:05
S37	0	"20030036365" and (display \$3 with simultaneous\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 18:06
S38	0	"20030036365" and ( simultaneous\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 18:06
S39	997	display\$3 with simultaneous \$4 with (thumbnail picture photo(still near3 image)) with ((second near2 image) video movie (dynamic near2 image))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 18:11
S40	434	S39 and S12 and "348"/\$. ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 18:20
S41	27593	(dual multiple plurality) near4 (imager camera ccd image\$3pickup)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 18:21

S42	62706	picture\$2in\$2piture pip	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 18:21
S43	6	(S41 same S42) and S12	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 19:23
S44	327	unique with slave with address	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 19:24
S45	20	(in\$2repsond\$4 respond\$3 correspond\$3) with address with spi	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 19:25
S46	13	S45 and S12	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 19:50
S47	0	(spi near4 bus) with (slave near2 address\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 19:51
S48	7	(spi ) with (slave near2 address\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 19:51
S49	18	(spi near4 bus) with (select \$4 elect\$4) with (slave )	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 19:53
S50	8985	4and S49	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 19:53
S51	11	S12 and S49	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 20:06
S52	2	"20020057344"	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 20:06
S53	1	("2002/0057344").URPN.	USPAT	OR	ON	2007/06/20 20:21
S54	5	("20020057344"   "4806779" "5760826"   "6535250"   "D351149").PN. OR ("D528581").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 20:34
S55	1	"20040230358" and address	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 20:40
S56	1	10/651599	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 21:30
S57	0	"20040179600" and tri \$3state	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 21:30
S58	82	(composite pip) with tri \$2state	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 21:31
S59	0	"20040179600" and tri \$2state	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 21:37
S60	92	(composite pip) with tri \$2state	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 21:37
S61	121534	"348"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 21:38
S62	6	S60 and S61	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 23:09

S63	0	"20030036365" and substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 23:10
S64	1	"20030036365" and 6a and 10a	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 23:11
S65	0	"20030036365" and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 23:11
S66	1	"20030036365" and image	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 23:21
S67	1	"20030036365" and display \$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 23:21
S68	1	"20030036365" and (lcd display\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 23:24
S69	1	"20030036365" and (switch \$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/20 23:37
S70	1	10/651599	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/21 10:19
S71	17383	(dual multiple plural) near3 (imager pickup ccd camera)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/21 11:16
S72	112	synch\$4 with composite with (video frame)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/21 10:23
S73	7	S71 and S72	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/21 10:21
S74	123	synch\$4 with composite with (video image frame)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/21 10:23
S75	29	synch\$4 with composite with ( image picture)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/21 10:23
S76	3	S75 and S71	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/21 10:38
S77	891798	pip (picture with in with picture) composite	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/21 10:39
S78	169101	pip (picture with in with picture) (composit\$3 near2 (video image picture photo))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/21 10:39
S79	226628	pip (picture with in with picture) ((composit\$3 combin \$5) near2 (video image picture photo))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/21 10:40

S80	743	S71 same S79	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/21 10:40
S81	24960777	@ad<"20030829" @rlad<"20030829"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/21 10:40
S82	613	S80 and S81	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/21 10:41
S83	121610	"348"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/21 10:41
S84	288	S82 and S83	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/21 10:50
S85	5	09/370406	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/21 10:53
S86	0	09/370406 and (tri\$2state ( tri near2 buffer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/21 10:53
S88	60	348/373.ccls. and S71 and S81	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/21 11:22
S89	24	348/340.ccls. and S71 and S81	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/21 11:23
S90	603	(determin\$4 detect\$4) with (serial\$5 spi i2c inter\$1ic) with parallel\$5 with communicat\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/30 15:41
S91	1799	348/374,340,373.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/30 15:41
S92	1799	S91	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/30 15:41
S93	25043227	@ad<"20030829" @rlad<"20030829"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/30 15:41
S94	25046520	@ad<"20030829" @rlad<"20030829"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/09 19:08
S95	5	tri\$2stat\$4 with (provid\$5 generat\$5 produc\$5 creat\$5) with ((synthesiz\$5 combin\$5 composit\$5) adj3 (stream data))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/09 21:40
S96	0	(i2c inter\$2ic) with tri\$2stat \$4 with ((composit\$5 combin \$5) near3 (data stream packet))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/09 19:13

S97	0	(i2c inter\$2ic) with tri\$2stat \$4 with ((composit\$5 combin \$5) )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/09 19:13
S98	13	("3934266"   "4166280"   "4281339"   "4584606"   "4667226"   "4746972"   "4823186"   "4876591"   "5168350"   "5288991"   "5307161"   "5379069"   "5748267"   "5835199"   "5852502"   "5999255"   "6014165"   "6114683"   "6184933"   "6600168"   "6689998"   "6788338"   "7057647").PN. and (high same low same resolution)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/09 21:45
S99	2	"20040119718"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/09 21:46
S100	2	"7057647".pn. and resolution	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/09 21:46
S101	0	"7057647".pn. and (low same high same resolution)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/09 21:46
S102	2	"7057647".pn. and ( resolution)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/09 22:08
S103	2	"20030036365"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/09 21:53
S104	0	"20030036365" and resolution	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/09 22:03
S105	0	"5852502".pn. and mux	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/09 22:03
S106	1	"5852502".pn. and "45"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/09 22:03
S107	0	"5852502".pn. and ("45" same switch\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/09 22:03
S108	1	"5852502".pn. and ("45" )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/09 22:03
S109	0	"7057647".pn. and ( increas \$3 same intensif\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/09 22:09
S110	0	"7057647".pn. and ( increas \$3 same intensi\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/09 22:09

S111	1	"7057647".pn. and ( resolution same intensi\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/09 23:13
S112	1	"5852502".pn. and "94"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/10 00:25
S113	2	"6281925".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/10 01:30
S114	1	"6919925".pn. and microphone	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/10 01:32
S115	1	(maintain\$4 with gain) and "6281925".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/10 01:34
S116	1	(ampli\$6 with gain) and "6281925".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/10 02:30
S117	5	"20060114339"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/10 03:31
S118	10	("20010050721"   "20010053703"   "20020006806"   "20020057344"   "20020061767").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 14:58
S119	0	10/208979 and tri\$2stat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 15:00
S120	1	10/208979 and switch\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 15:00
S121	0	10/208979 and (combin\$4 synthesiz\$4 add\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 15:01
S122	45	tri\$2stat\$4 with (imager (imag\$4 near3 sensor pickup) ccd)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 15:26
S123	7	tri\$2stat\$4 with (imager (imag\$4 near3 sensor pickup) ccd) with bus	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 15:26
S124	27415986	@ad<"20030829" @rlad<"20030829"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 15:26
S125	4705748	S124	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/29 15:26
S126	1891	348/374,340,373.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 15:26
S127	1886	S126	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/29 15:26



S128	1891	348/374,340,373.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 15:27
S129	1886	S128	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/29 15:27
S130	0	S118 and S122	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/29 15:27
S131	0	S118 and S123	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/29 15:28
S132	45	tri\$1stat\$4 with (imager (imag\$4 near3 sensor pickup) ccd)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 15:28
S133	21	(tri\$1stat\$4 with bus) same (imager (imag\$4 near3 sensor pickup) ccd)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 15:29
S134	20	S133 and S124	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 15:29
S135	1	10/651599	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 15:29
S136	40	S132 and S124	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 15:33
S137	2	"20040230358" and (board pc substrat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 15:53
S138	2	"6476864".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/05/03 21:14
S139	1	"6476864".pn. and ("270" and "272")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/05/03 21:14
S140	0	"6639626".pn. and fpn	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/07 18:50
S141	2	"6639626".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/07 18:51
S142	12	("5172220"   "5379069"   "5694165"   "5757423"   "5764285"   "5978023").PN. OR ("6639626").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/07 18:55
S143	14	("3548087"   "4383170"   "4943850"   "5151790"   "5159455").PN. OR ("5757423").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/07 19:06
S144	366907	(imag\$4 near4 (sensor device pickup)) ccd cmos with size with (small\$2 less \$2 reduc\$4) with (fpn (pattern near3 noise) noise)	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/07 20:59

S145	27427418	@ad<"20030829" @rlad<"20030829"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/07 20:59
S146	36070	S144 and "348"/\$.ccls. and S145	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/07 20:59
S147	405	((imag\$4 near4 (sensor device pickup)) ccd cmos) with size with (small\$2 less \$2 reduc\$4) with (fpn (pattern near3 noise) noise)	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/07 21:00
S148	271	S147 and S145	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/07 21:00
S149	1241	((((imag\$4 near4 (sensor device pickup)) ccd cmos) near3 (larg\$2 big\$3 more)) with (fpn (pattern near3 noise) noise thermal )	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/07 21:17
S150	933	S149 and S145	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/07 21:17
S151	127299	"348"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/07 21:18
S152	123119	"250"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/07 21:18
S153	281475	"257"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/07 21:18
S154	498	(S151 S152 S153) and S150	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/07 21:18
S155	174	((resolution size) near4 (ccd cmos imag\$3) near (larg\$2 big\$3 more)) with (fpn (pattern near3 noise) (noise thermal )	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/07 21:27
S156	115	S155 and S145	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/07 21:27
S157	462	(resolution size) with (ccd cmos (imag\$3 near3 (sensor pickup device))) with (larg\$2 big\$3 more) with (fpn (pattern near3 noise) noise thermal )	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/07 21:36
S158	370	S157 and S145	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/07 21:36
S159	3142	increas\$3 with resolution with (noise thermal fpn)	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/07 21:54
S160	589	S159 and (S151 S152 S153 ) and S145	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/07 21:54
S161	1	10/651599	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/07 22:29

S162	3	(turn\$4off disabl\$4 power\$4off) with (ccd cmos imager ( imag\$4 near3 (sensor pickup device))) with ((anti reduc\$4 illiminat\$4) near3 (noise dark\$3current pfn fix\$4patern))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/04 13:28
S163	5	(turn\$4off disabl\$4 power\$4off) with (ccd cmos imager ( imag\$4 near3 (sensor pickup device))) with ((anti reduc\$4 illiminat\$4 remov\$4) near3 (noise dark\$3current pfn fix\$4patern))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/04 13:28
S164	5	(turn\$4off disabl\$4 power\$4off) with (ccd cmos imager ( imag\$4 near3 (sensor pickup device))) with ((anti reduc\$4 illiminat\$4 remov\$4 avoid\$4) near3 (noise dark\$3current pfn fix\$4patern))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/04 13:28
S165	27470062	@ad<"20030829" @rlad<"20030829"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/04 13:28
S166	4	S164 and S165	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/04 13:28
S167	95	((turn\$4off disabl\$4 power\$4off) near4 (ccd cmos imager ( imag\$4 near3 (sensor pickup device)))) with ((noise dark\$3current pfn fix\$4patern))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/04 13:30
S168	95	S167 and S165	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/04 13:30
S169	96	((turn\$4off disabl\$4 power\$4off) near4 (ccd cmos imager ( imag\$4 near3 (sensor pickup device)))) with ((noise dark\$3current pfn fix\$4patern FPN (FIX\$4 NEAR3 PATTERN\$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/04 13:35
S170	96	S169 AND S165	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/04 13:35
S171	3	((turn\$4off disabl\$4 power\$4off) near4 (CAMERA (pickup NEAR3 device))) with ((noise dark\$3current pfn fix\$4patern FPN (FIX\$4 NEAR3 PATTERN\$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/04 13:41

S172	2	S171 AND S165	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/04 13:42
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